LI2208 LINEAR IMAGER
QUICK START GUIDE

See Product Reference Guide for detailed information

POST IN WORK AREA

SET DEFAULTS / ENTER KEY BAR CODES

SET DEFAULTS

‖‖‖‖‖‖‖‖‖‖‖‖
RETURN TO FACTORY DEFAULTS

ADD AN ENTER KEY
(Carriage Return/Line Feed)

To add an Enter key after scanned data, scan the bar code below.

‖‖‖‖‖‖‖‖‖‖‖‖
ADD AN ENTER KEY (CARRIAGE RETURN/LINE FEED)

TAB KEY BAR CODE

ADD A TAB KEY

To add a **Tab** key after scanned data, scan the bar code below.

‖‖‖‖‖‖‖‖‖‖‖‖
ADD A TAB KEY
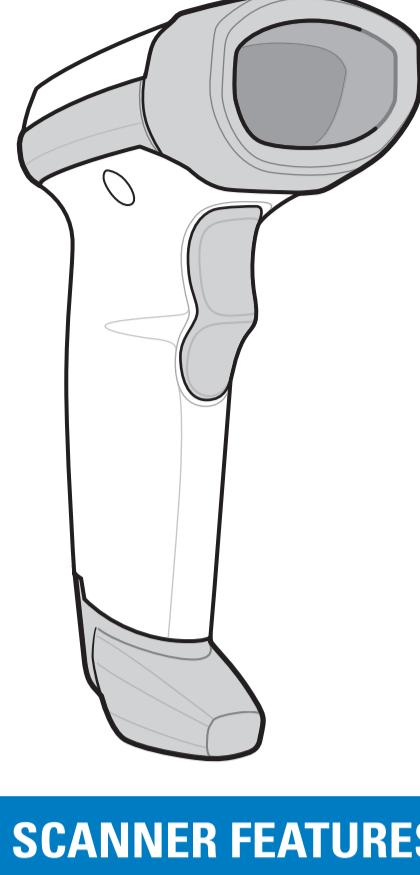
SCANNER FEATURES

1
2
3
4
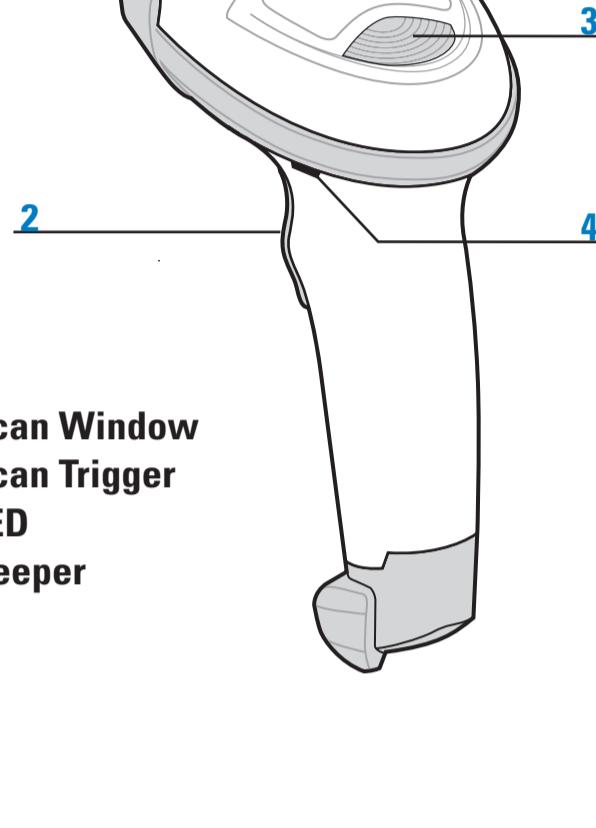
1 Scan Window
2 Scan Trigger
3 LED
4 Beeper

PRESENTATION MODE
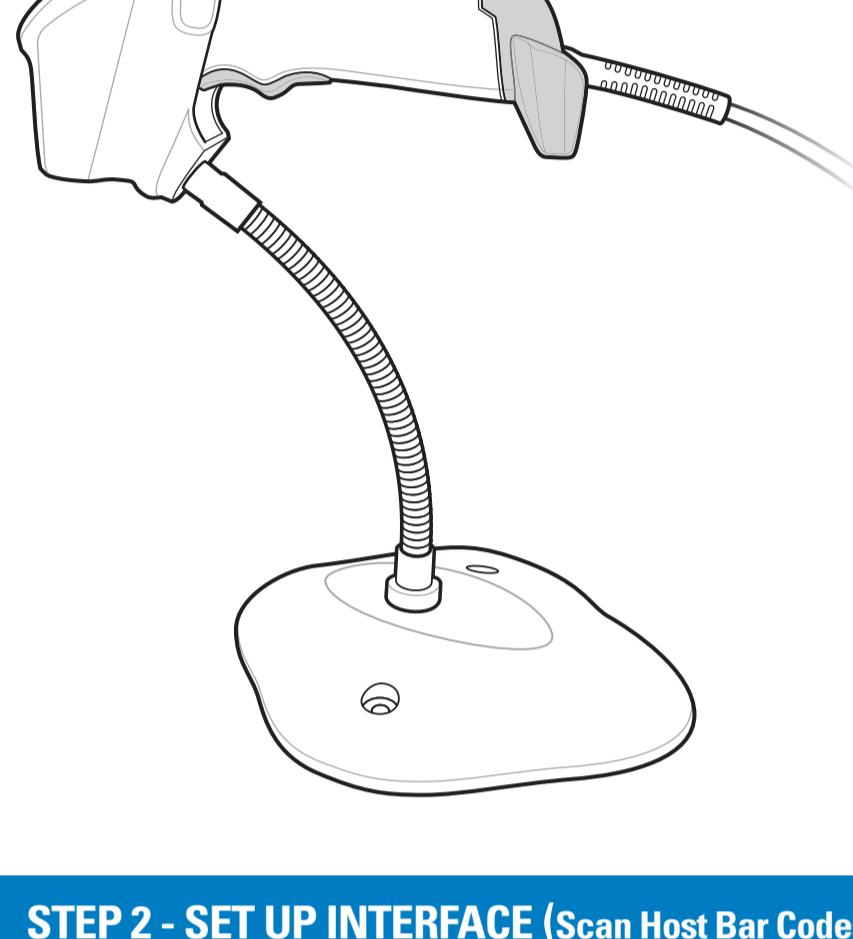
USB CAPS LOCK OVERRIDE BAR CODE

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USB - OVERRIDE CAPS LOCK KEY (ENABLE)

‖‖‖‖‖‖‖‖‖‖‖‖
*USB - DO NOT OVERRIDE CAPS LOCK KEY (DISABLE)

STEP 1 - CONNECT HOST INTERFACE

USB

NOTE: Cables may vary depending on configuration

RS-232

Keyboard Wedge

IBM 46XX
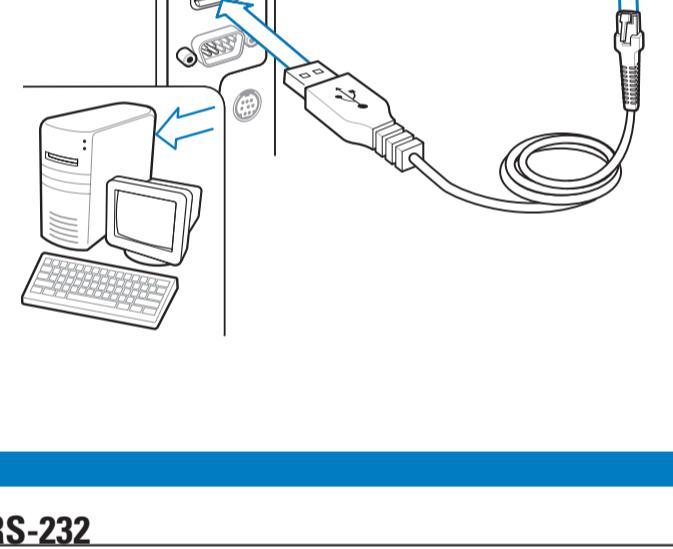
STEP 2 - SET UP INTERFACE (Scan Host Bar Codes)

USB
Scan *ONE* of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.

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*USB KEYBOARD (HID)

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USB CDC Host

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IBM TABLE TOP USB

‖‖‖‖‖‖‖‖‖‖‖‖
IBM HAND-HELD USB

‖‖‖‖‖‖‖‖‖‖‖‖
SNAPI WITHOUT IMAGING

‖‖‖‖‖‖‖‖‖‖‖‖
IBM OPOS (IBM HAND-HELD USB with FULL SCAN ENABLE)

‖‖‖‖‖‖‖‖‖‖‖‖
SIMPLE COM PORT EMULATION

‖‖‖‖‖‖‖‖‖‖‖‖
TOSHIBA TEC Host

RS-232
Scan *ONE* of the bar codes below

The interface cable automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan another host bar code below.

‖‖‖‖‖‖‖‖‖‖‖‖
*STANDARD RS-232

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ICL RS-232

‖‖‖‖‖‖‖‖‖‖‖‖
NIXDORF RS-232 MODE A

‖‖‖‖‖‖‖‖‖‖‖‖
NIXDORF RS-232 MODE B

‖‖‖‖‖‖‖‖‖‖‖‖
FUJITSU RS-232

‖‖‖‖‖‖‖‖‖‖‖‖
OPOS/JPOS

Keyboard Wedge
Scan a bar code below

The Auto-Host Detect Cable feature automatically detects the host interface type and uses the default setting. If the default (*) does not meet your requirements, scan the IBM PC/AT and IBM PC COMPATIBLE bar code below.

‖‖‖‖‖‖‖‖‖‖‖‖
*IBM AT NOTEBOOK

‖‖‖‖‖‖‖‖‖‖‖‖
IBM PC/AT and IBM PC COMPATIBLE

IBM 46XX
Scan *ONE* of the bar codes below

The Auto-Host Detect Cable feature automatically detects the host interface type, but there is no default setting. Scan one of the bar codes below to select the appropriate port.

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NON-IBM SCANNER EMULATION (PORT 5B)

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HAND-HELD SCANNER EMULATION (PORT 9B)

‖‖‖‖‖‖‖‖‖‖‖‖
TABLE-TOP SCANNER EMULATION (PORT 17)

123Scan²

ABOUT 123Scan²

123Scan² is an easy-to-use, PC-based software tool that enables rapid and easy customized setup of a scanner via a bar code or USB cable.
For more information,
visit: http://www.motorolasolutions.com/123Scan.

UTILITY FUNCTIONALITY

- Device Configuration
  - Electronic Programming (USB Cable)
  - Programming Bar Code(s)
- Data View – Scan Log (Display Scanned Bar Code Data)

- Access Asset Tracking Information
- Upgrade Firmware and View Release Notes
- Remote Management (SMS Package Generation)

POST IN WORK AREA

SCANNING

Aiming

RECOMMENDED USAGE GUIDE - OPTIMUM BODY POSTURE

Avoid Extreme Wrist Angles
AVOID EXTREME WRIST ANGLES

Avoid Bending
AVOID BENDING
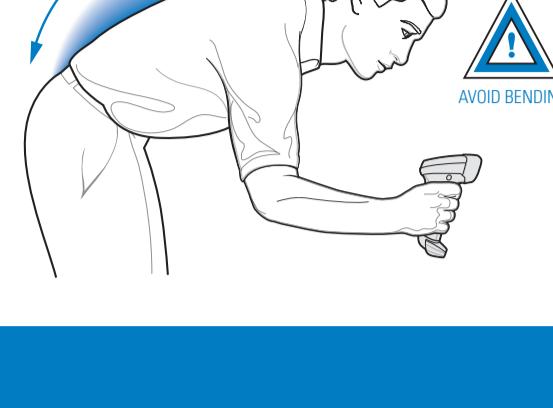
Avoid Reaching
AVOID REACHING

BEEPER INDICATIONS

Indication	Beeper Sequence
Power up	Low/medium/high beep
Bar code decoded	Short high beep
Transmission error detected; data is ignored	4 long low beeps
Successful parameter setting	High/low/high/low beep
Correct programming sequence performed	High/low beep
Incorrect programming sequence, or **Cancel** bar code scanned	Low/high beep

LED INDICATIONS

Hand-Held Scanning	
Indication	**LED Indicator**
Scanner is on and ready to scan, or no power to scanner	Off
Bar code is successfully decoded	Green
Transmission error	Red
Hands-Free (Presentation) Scanning	
No power to scanner	Off
Scanner is ready to scan	Green
Bar code is successfully decoded	Off Momentarily
Transmission error	Red

Local Contact: _____

TROUBLESHOOTING

Scanner not working	
No power to scanner	Check system power.
Scanner is disabled	Ensure that correct host interface cable is used.
Scanner decoding bar code, but data not transmitting to host	
Host interface not configured properly	Scan appropriate host parameter bar codes
Interface cable is loose	Ensure all cable connections are secure

Scanner not decoding bar code	
Scanner not programmed for bar code type	Ensure scanner is programmed to read type of bar code being scanned.
Bar code unreadable	Ensure bar code is not defaced; try scanning test bar code of same bar code type.
Distance between scanner and bar code incorrect	Move scanner closer to, or further from bar code.
Scanned data incorrectly displayed on host	
Host interface not configured properly	Scan appropriate host parameter bar codes.

REGULATORY INFORMATION

Power Supply
Use ONLY a Motorola approved UL LISTED ITE (IEC/EN 60950-1, SELV) power supply with electrical ratings: Output 5Vdc, min 850mA, with a maximum ambient temperature of at least 40 degrees C. Use of alternative power supply will invalidate any approvals given to this unit and may be dangerous.

Warranty
For the complete Motorola Solutions hardware product warranty statement, go to: http://www.motorolasolutions.com/enterprisemobility/warranty.

For Australia Only
This warranty is given by Motorola Solutions Australia Pty Limited (ABN16 004 742 312) of Tally Ho Business Park, 10 Wesley Court. Burwood East, Victoria. Our goods come with guarantees that cannot be excluded under the Australia Consumer Law. You are entitled to a replacement or refund for a major failure and compensation for any other reasonably foreseeable loss or damage. You are also entitled to have the goods repaired or replaced if the goods fail to be of acceptable quality and the failure does not amount to a major failure. Motorola Solutions Australia's limited warranty above is in addition to any rights and remedies you may have under the Australian Consumer Law. If you have any queries, please call Motorola Solutions Australia at 1800457 439. You may also visit our website: http://www.motorola.com/Business/XA-EN/Pages/Contact_Us for the most updated warranty terms.

Service Information
If you have a problem using the equipment, contact your facility's Technical or Systems Support. If there is a problem with the equipment, they will contact the Motorola Solutions Global Customer Support Center at: http://www.motorolasolutions.com/support.
For the latest version of this guide go to: http://www.motorolasolutions.com/support.

Waste Electrical and Electronic Equipment (WEEE)
Bulgarian: За клиенти от ЕС: След края на полезния им живот всички продукти трябва да се връщат на Motorola за рециклиране. За информация относно връщането на продукти, моля отидете на адрес: http://www.motorolasolutions.com/recycling/weee.

Čeština: Pro zákazníky z EU: Všechny produkty je nutné po skončení jejich životnosti vrátit společnosti Motorola k recyklaci. Informace o způsobu vrácení produktu najdete na webové stránce: http://www.motorolasolutions.com/recycling/weee.

Dansk: Til kunder i EU: Alle produkter skal returneres til Motorola til recirkulering, når de er udtjent. Læs oplysningerne om returnering af produkter på: http://www.motorolasolutions.com/recycling/weee.

Deutsch: Für Kunden innerhalb der EU: Alle Produkte müssen am Ende ihrer Lebensdauer zum Recycling an Motorola zurückgesandt werden. Informationen zur Rücksendung von Produkten finden Sie unter http://www.motorolasolutions.com/recycling/weee.

Ελληνικά: Για πελάτες στην Ε.Ε.: Όλα τα προϊόντα, στο τέλος της διάρκειας ζωής τους, πρέπει να επιστρέφονται στην Motorola για ανακύκλωση. Για περισσότερες πληροφορίες σχετικά με την επιστροφή ενός προϊόντος, επισκεφθείτε τη διεύθυνση http://www.motorolasolutions.com/recycling/weee στο Διαδίκτυο.

English: For EU Customers: All products at the end of their life must be returned to Motorola for recycling. For information on how to return product, please go to: http://www.motorolasolutions.com/recycling/weee.

Español: Para clientes en la Unión Europea: todos los productos deberán entregarse a Motorola al final de su ciclo de vida para que sean reciclados. Si desea más información sobre cómo devolver un producto, visite: http://www.motorolasolutions.com/recycling/weee.

Eesti: EL klientidele: kõik tooted tuleb nende eluea lõppedes tagastada taaskasutamise eesmärgil Motorola'le. Lisainformatsiooni saamiseks toote tagastamise kohta külastage palun aadressi: http://www.motorolasolutions.com/recycling/weee.

Suomi: Asiakkaat Euroopan unionin alueella: Kaikki tuotteet on palautettava kierrätettäväksi Motorola-yhtiöön, kun tuotetta ei enää käytetä. Lisätietoja tuotteen palauttamisesta on osoitteessa http://www.motorolasolutions.com/recycling/weee.

Français : Clients de l'Union Européenne : Tous les produits en fin de cycle de vie doivent être retournés à Motorola pour recyclage. Pour de plus amples informations sur le retour de produits, consultez : http://www.motorolasolutions.com/recycling/weee.

Magyar: Az EU-ban vásárlóknak: Minden tönkrement terméket a Motorola vállalathoz kell eljuttatni újrahasznosítás céljából. A termék visszajuttatásának módjával kapcsolatos tudnivalókért látogasson el a http://www.motorolasolutions.com/recycling/weee.

Italiano: per i clienti dell'UE: tutti i prodotti che sono giunti al termine del rispettivo ciclo di vita devono essere restituiti a Motorola al fine di consentirne il riciclaggio. Per informazioni sulle modalità di restituzione, visitare il seguente sito Web: http://www.motorolasolutions.com/recycling/weee.

Lietuvių: ES vartotojams: visi gaminiai, pasibaigus jų eksploatacijos laikui, turi būti grąžinti utilizuoti į kompaniją „Motorola". Daugiau informacijos, kaip grąžinti gaminį, rasite: http://www.motorolasolutions.com/recycling/weee.

Latviešu: ES klientiem: visi produkti pēc to kalpošanas mūža beigām ir jānogādā atpakaļ Motorola otrreizējai pārstrādei. Lai iegūtu informāciju par produktu nogādāšanu Motorola, lūdzu, skatiet: http://www.motorolasolutions.com/recycling/weee.

Malti: Għal klijenti fl-UE: il-prodotti kollha li jkunu waslu fi-aħħar tal-ħajja ta' l-użu tagħhom, iridu jiġu rriturnati għand Motorola għar-riċiklaġġ. Għal aktar tagħrif dwar kif għandek tirritorna l-prodott, jekk jogħġbok żur: http://www.motorolasolutions.com/recycling/weee.

Nederlands: Voor klanten in de EU: alle producten dienen aan het einde van hun levensduur naar Motorola te worden teruggezonden voor recycling. Raadpleeg http://www.motorolasolutions.com/recycling/weee voor meer informatie over het teruggzenden van producten.

Polski: Klienci z obszaru Unii Europejskiej: Produkty wycofane z eksploatacji należy zwrócić do firmy Motorola w celu ich utylizacji. Informacje na temat zwrotu produktów znajdują się na stronie internetowej http://www.motorolasolutions.com/recycling/weee.

Português: Para clientes da UE: todos os produtos no fim de vida devem ser devolvidos à Motorola para reciclagem. Para obter informações sobre como devolver o produto, visite: http://www.motorolasolutions.com/recycling/weee.

Românesc: Pentru clienții din UE: Toate produsele, la sfârșitul duratei lor de funcționare, trebuie returnate la Motorola pentru reciclare. Pentru informații despre returnarea produsului, accesați: http://www.motorolasolutions.com/recycling/weee.

Slovenčina: Pre zákazníkov z krajín EU: Všetky výrobky musia byť po uplynutí doby ich životnosti vrátené spoločnosti Motorola na recykláciu. Bližšie informácie o vrátení výrobkov nájdete na: http://www.motorolasolutions.com/recycling/weee.

Slovenski: Za kupce v EU: vsi izdelki se morajo po poteku življenjske dobe vrniti podjetju Motorola za reciklažo. Za informacije o vračilu izdelka obiščite:http://www.motorolasolutions.com/recycling/weee.

Svenska: För kunder inom EU: Alla produkter som uppnått sin livslängd måste returneras till Motorola för återvinning. Information om hur du returnerar produkten finns på http://www.motorolasolutions.com/recycling/weee.

Türkçe: AB Müşterileri için: Kullanım süresi dolan tüm ürünler geri dönüştürme için Motorola'ya iade edilmelidir. Ürünlerin nasıl iade edileceği hakkında bilgi için lütfen şu adresi ziyaret edin: http://www.motorolasolutions.com/recycle/weee.

TURKISH WEEE Statement of Compliance
EEE Yönetmeliğine Uygundur

This device is approved under the Symbol Technologies, Inc. brand: Symbol Technologies, Inc. is a wholly owned subsidiary of Motorola Solutions, Inc. (collectively "Motorola"). This guide applies to Model Number: LI2208. All Motorola devices are designed to be compliant with rules and regulations in locations they are sold and will be labeled as required. Local language translations are available at the following website: http://www.motorolasolutions.com/support.

Any changes or modifications to Motorola equipment, not expressly approved by Motorola, could void the user's authority to operate the equipment.

Health and Safety Recommendation
Ergonomic Recommendations
Caution: In order to avoid or minimize the potential risk of ergonomic injury follow the recommendations below. Consult with your local Health & Safety Manager to ensure that you are adhering to your company's safety programs to prevent employee injury.
• Reduce or eliminate repetitive motion
• Maintain a natural position
• Reduce or eliminate excessive force
• Keep objects that are used frequently within easy reach
• Perform tasks at correct heights
• Reduce or eliminate vibration
• Reduce or eliminate direct pressure
• Provide adjustable workstations
• Provide adequate clearance
• Provide a suitable working environment
• Improve work procedures.

Class 1 LED Safety
COMPLIES WITH IEC 60825-1:2001 (Ed.1.2) & IEC 62471:2006 (Ed.1.0);EN 62471:2008

CLASS 1 LED PRODUCT
LED KLASSE 1
APPAREIL À LED DE CLASSE 1

LED Output
This device contains two LEDs for illumination and aiming.

Aim/Illumination:
Optical Output: 0.87mW
Pulse Duration: Continuous
Emitted Wavelength: 590-650nm

Viewing the LED output with certain optical instruments (for example, eye loupes, magnifiers and microscopes) may pose an eye hazard.

Caution: Use of controls or adjustments or performance of procedures other than those specified herein may result in hazardous LED light exposure.

LED light is emitted from this aperture:

Radio Frequency Interference Requirements -FCC
FC Tested to comply with FCC Standards FOR HOME OR OFFICE USE
Note: This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:
• Reorient or relocate the receiving antenna
• Increase the separation between the equipment and receiver
• Connect the equipment into an outlet on a circuit different from that to which the receiver is connected
• Consult the dealer or an experienced radio/TV technician for help.
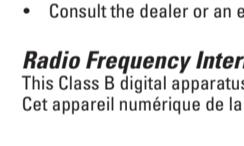
Radio Frequency Interference Requirements - Canada
This Class B digital apparatus complies with Canadian ICES-003.
Cet appareil numérique de la classe B est conforme à la norme NMB-003 du Canada.

Marking and European Economic Area (EEA)

Statement of Compliance
Motorola hereby declares that this device is in compliance with all the applicable Directives, 2004/108/EC and 2006/95/EC. A Declaration of Conformity may be obtained from http://www.motorolasolutions.com/doc

Other Countries

Japan (VCCI) - Voluntary Control Council for Interference
Class B ITE
この装置は、情報処理装置等電波障害自主規制協議会（ＶＣＣＩ）の基準に基づくクラスB情報技術装置です。この装置は、家庭環境で使用することを目的としていますが、この装置がラジオやテレビジョン受信機に近接して使用されると、受信障害を引き起こすことがあります。取扱説明書に従って正しい取り扱いをして下さい。

Korea Warning Statement for Class B ITE

기 종 별	사 용 자 안 내 문
B급 기기 (가정용 방송통신기기)	이 기기는 가정용(B급)으로 전자파적합등록을 한 기기로서 주로 가정에서 사용하는 것을 목적으로 하며, 모든 지역에서 사용할 수 있습니다.

Ukraine
Дане обладнання відповідає вимогам технічного регламенту №1057, № 2008 на обмеження щодо використання деяких небезпечних речовин в електричних та електронних пристроях.

China RoHS
This table was created to comply with China RoHS requirements.

部件名称 (Parts)	有毒有害物质或元素					
	铅 (Pb)	汞 (Hg)	镉 (Cd)	六价铬 (Cr⁶⁺)	多溴联苯 (PBB)	多溴二苯醚 (PBDE)
金属部件 (Metal Parts)	X	O	O	O	O	O
电路模块 (Circuit Modules)	X	O	O	O	O	O
电缆及电缆组件 (Cables and Cable Assemblies)	O	O	O	O	O	O
塑料和聚合物部件 (Plastic and Polymeric Parts)	O	O	O	O	O	O
光学和光学组件 (Optics and Optical Components)	X	O	O	O	O	O
电池 (Battery)	O	O	O	O	O	O

O：表示该有毒有害物质在该部件所有均质材料中的含量均在 SJ/T11363-2006 标准规定的限量要求以下。

X：表示该有毒有害物质至少在该部件的某一均质材料中的含量超出 SJ/T11363-2006 标准规定的限量要求。

对销售之日的所售产品，本表表示，公司供应链的电子信息产品可能包含这些物质。注意：在所售产品中可能会也可能不会含有所有所列的部件。